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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Sigenobu Nakamura

Application No. 10/040,627

Filed: January 9, 2002

For: ANTIFRICTION BEARING AND
ALTERNATOR
INCORPORATING SAME FOR
USE IN VEHICLES

Art Unit: 2834

Parent Examiner: K. Tamai

Atty Docket: P64591US2

**RESPONSE TO NOTICE TO FILE MISSING PARTS OF
NONPROVISIONAL APPLICATION AND
NOTICE TO FILE MISSING PARTS OF REISSUE APPLICATION**

Box REISSUE
Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the **NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION--FILING DATE GRANTED**, dated March 22, 2002, and **NOTICE TO FILE MISSING PARTS OF REISSUE APPLICATION--FILING DATE GRANTED**, dated March 25, 2002, Applicant submits herewith the following documents for appropriate action by the U.S. Patent and Trademark Office:

1. Copies of the "Notice to File Missing Parts of Nonprovisional Application" and the "Notice to File Missing Parts of Reissue Application";

2. Copies of reissue specification (U.S. Patent No. 5,422,524) in double column format, filed with present application papers on January 9, 2002 and postcard receipt therefor; and
3. Copies of Assent of Assignees (including certification under 37 C.F.R. § 3.73(b)) submitted in parent reissue application Serial No. 08/869,844 and postcard receipt therefor.

As indicated under item (2) above, a copy of reissue specification (U.S. Patent No. 5,422,524) in double column format was filed with the present application papers on January 9, 2002. Another copy is being submitted herewith in the event that the previously-submitted copy has become separated from the PTO's file.

It is noted that the present application is a continuation of reissue application Serial No. 08/869,844; that the Assent of the assignees (which includes the assignees' statement under 37 CFR § 3.73(b)) was submitted in parent reissue application Serial No. 08/869,844; and that therefore, it is believed that a new consent of the assignee and assignee's statement under 37 CFR § 3.73(b) should not be required in connection with the present continuation application and that no fee should be required for supplying these papers.

It is not believed that extensions of time or fees for consideration of this paper and any papers associated with it are required, beyond those that may otherwise be provided for in documents accompanying this paper. However, in the event that additional extensions of time are necessary, then such extensions of time are hereby petitioned under 37 CFR § 1.136(a); and any fees required

for consideration of this paper and any papers associated with it (including fees for net addition of claims) are hereby authorized to be charged to our Deposit Account No. 06-1358.

Respectfully submitted,

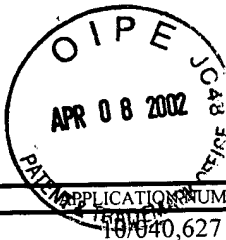
JACOBSON HOLMAN, PLLC

Date: 8 March 02

By: Nathaniel A. Humphries

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Nathaniel A. Humphries
Registration No. 22,772



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY OF COMMERCE AND
OWNER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/040,627	01/09/2002	Sigenobu Nakamura	P64591US2

0000136
JACOBSON HOLMAN PLLC
400 SEVENTH STREET N.W.
SUITE 600
WASHINGTON, DC 20004

Date Mailed: 03/22/2002

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

07/11/2002 SDIRETA1 00000076 061358 10040627 FILED UNDER 37 CFR 1.53(b)

01 FC:105 130.00 CH

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

Correction of the following is required to complete the reissue application:

☒ The reissue specification has not been provided in double-column format as is required by 37 CFR 1.173(a)(1). A surcharge is not required when supplying this item.

☒ Consent of the assignee is missing. 37 CFR 1.172 requires that the reissue oath/declaration be accompanied by the written consent of all assignees. Until this item is supplied, the oath/declaration remains defective; thus, **payment of the surcharge (\$130 for large entity; \$65 for small entity) under 37 CFR 1.53(f) and 37 CFR 1.16(e) is required in addition to the supplying of this item. See MPEP § 1410.01.**

☐ Consent of the assignee is present, but is unsigned. A statement of consent bearing the signature of an official authorized to act on behalf of the assignee(s) must be provided, to comply with 37 CFR 1.172. Until this item is supplied, the oath/declaration remains defective; thus, **payment of the surcharge (\$130 for large entity; \$65 for small entity) under 37 CFR 1.53(f) and 37 CFR 1.16(e) is required in addition to the supplying of this item. See MPEP § 1410.01.**

☒ Assignee's statement under 37 CFR 3.73(b) establishing ownership of the patent is missing. 37 CFR 1.72 requires that all assignees consenting to the reissue establish their ownership interest in the patent by filing in the reissue application a statement in accordance with 37 CFR 3.73(b). See MPEP § 324. Until this item is supplied, the oath/declaration remains defective; thus, **payment of the surcharge (\$130 for large entity; \$65 for small entity) under 37 CFR 1.53(f) and 37 CFR 1.16(e) is required in addition to the supplying of this item. See MPEP § 1410.01.**

☐ Assignee's statement under 37 CFR 3.73(b) is present, but is unsigned. A 37 CFR 3.73(b) statement bearing the signature of an official authorized to act on behalf of the assignee must be provided. Until this item is supplied, the oath/declaration remains defective; thus, **payment of the surcharge (\$130 for large entity; \$65 for small entity) under 37 CFR 1.53(f) and 37 CFR 1.16(e) is required in addition to the supplying of this item. See MPEP § 1410.01.**

A copy of this notice **MUST** be returned with the reply.

Office of Initial Patent Examination (703) 308-1202



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Reissue Application of:

Sigenobu NAKAMURA et al.

Reissue Application No. 08/869,844

Art Unit: 2102

Filed: June 5, 1997

Examiner: (not yet assigned)

For: ANTIFRICTION BEARING AND
ALTERNATOR
INCORPORATING SAME FOR
USE IN VEHICLES

Atty Docket: 19067.054

ASSENT OF ASSIGNEES

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Koyo Seiko Co., Ltd. of No. 5-8, Minamisemba 3-chome, Chuo-ku, Osaka-shi, Osaka 542, JAPAN and DENSO CORPORATION (formerly known as Nippondenso Co., Ltd.) of 1-1, Showa-cho, Kariya-shi, Aichi-ken, JAPAN, certify that they are the assignees of the entire right, title, and interest in U.S. patent No. 5,422,524 and the captioned reissue application, by assignment recorded in the U.S. Patent and Trademark Office on June 8, 1988 at Reel 4905 and Frame 0512. Also attached hereto is a copy of an extract from the Closed Commercial Register and a verified English translation thereof indicating that "Nippondenso Co., Ltd." has been changed to "DENSO CORPORATION." Another copy of this extract is concurrently being submitted for recordation.

The assignees hereby consent to the reissue of U.S. patent No. 5,422,524.

Each of the undersigned (whose titles are supplied below) is empowered to sign this paper on behalf of the respective assignees.

Each of the undersigned declares further that all statements made herein of his own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any reissue patent issuing thereon.

For Koyo Seiko Co., Ltd.:

Date: JAN. 6, 1998
Name: Hiroshi INOUE
Title: President
Signature: Hiroshi Inoue

For DENSO CORPORATION:

Date: January 12, 1998
Name: Masashi KAMIYA
Title: General Manager
Signature: Masashi Kamiya



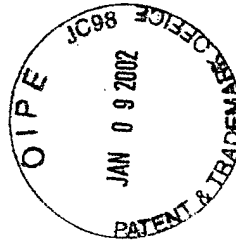
UTILITY PATENT APPLICATION

Attorney Docket: P64591US2
Application No. Continuation of Re-Issue Patent Application
Applicant: Sigenobu NAKAMURA et al.
Filing Date: 8 January 2002

Today's Date: 8 January 2002

The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

- ☒ Reissue Application Fee Transmittal Form (2 copies)
- ☒ Reissue Patent Application Transmittal
- ☒ Preliminary amendment in Reissue Application Under 37 CFR § 1.173
- ☒ Notice of Change of Address
- ☒ Information Disclosure Statement
- ☒ Form PTO 1449
- ☒ 18 References: U.S. Patent Nos. 4,191,599; 4,240,682; 4,323,401; 4,429,924; 4,476,405; 4,546,280; 4,634,908; 4,696,581; 4,808,226; U.K. Patent No. 1,361,553; Austrian Patent No. 362,807; Japanese Patent No. 56-34615; Patent Abstracts of Japan, March 15, 1988; Zwischenstufenumwandlung von Walzlagerstählen WTS 74 06 20 GmBH, February 1974; Effects of Retained Austenite on the Rolling Fatigue Life of Ball Bearing Steels, Eisujiro Yajima et al., 1972; Handbook of Metals, Japan Metal Society, Revised 4th Edition, 1982; Effect of Si and Retained Austenite on the Rolling Fatigue Life of Bearing Steel, Kazuo Okamoto et al., February 1993; Improvement of Rolling Contact Fatigue Life of Carburized Tapered Roller Bearings, N. Tsushima et al., SAE Conference, April 1986
- ☒ Copy of Division of Application NO. 07/203,972
- ☒ Copy of Supplemental Declaration of Reissue Application
- ☒ Copy Preliminary Amendment Under 37CFR § 1.115 dated 5 June 1997
- ☒ Copy of U.S. Patent No. 5,422,524(5 pages)
- ☒ Copy of Formal Drawings for U.S. Patent No. 5,422,524 (4 sheets)
- ☒ Check in the amount of \$870.00



DUE DATE: asap
JACOBSON HOLMAN, PLLC
400 SEVENTH STREET, NW
THE JENIFER BUILDING
WASHINGTON, DC 20004
(202) 638-6666

Person filing: NAH:LJS:ras

736373



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/040,627	01/09/2002	Sigenobu Nakamura	P64591US2

CONFIRMATION NO. 3842

0000136
JACOBSON HOLMAN PLLC
400 SEVENTH STREET N.W.
SUITE 600
WASHINGTON, DC 20004

FORMALITIES LETTER



OC000000007705190

Date Mailed: 03/25/2002

NOTICE TO FILE MISSING PARTS OF REISSUE APPLICATION

Filing Date Granted

An application number and filing date have been accorded to this reissue application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 130.**
- Assignee's statement under 37 CFR 3.73(b) establishing ownership of the patent is missing. 37 CFR 1.172 requires that all assignees consenting to the reissue application establish their ownership interest in the patent by filing in the reissue application a statement in accordance with 37 CFR 3.73(b).

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



By: NAL/SGS Application No. 08/869,844 Docker No. 19067.054
In re: Silicic acid and Alkaline Earth Metal Compounds
Title: Method for the Preparation of Silicic Acid

The following items were received on the date stamped hereon:

1.	Filing Form for New Application** (PTO-1082, in duplicate)	12.	Request for Refund
2.	Filing Form for Continuing Application (in duplicate)	13.	Request for Corrected Official Filing Receipt
	Continuation Application under:	14.	Filing Form for Amendment (Form PTO-1083--in duplicate)
	37 CFR § 1.53**	15.	Petition for ___-Mo. Extension of Time (in duplicate)
	37 CFR § 1.60 ("Rule 60 Continuation")**	16.	Amendment (or Response)
	37 CFR § 1.62 ("FWC")	17.	Response to Restriction Requirement, or Election of Species
	Divisional Application under:	18.	Information Disclosure Statement, with ___ sheets of Form PTO-1449 and copies of ___ references. <u>See Serial, Rpt.</u>
	37 CFR § 1.53**	19.	Petition under 37 CFR § 1.97(d) (in duplicate)
	37 CFR § 1.60 ("Rule 60 Divisional")**	20.	Certification under 37 CFR § 1.97(e) (in duplicate)
	37 CFR § 1.62 ("FWC")	21.	Affidavit or Declaration under 37 CFR ___ § 1.131 ___ § 1.132
3.	Continuation-in-Part (CIP) under:	22.	Notice of Appeal (in duplicate)
	37 CFR § 1.53**	23.	Status Inquiry
	37 CFR § 1.62 ("FWC")	24.	Issue Fee Transmittal (in duplicate)
4.	** Patent Application, including:	25.	Maintenance Fee Transmittal (in duplicate)
	Pages of Text (spec/claims/abstract)	26.	Other: <u>See Serial, Mfr's Log, Pmts-Log</u>
	Claim(s)		<u>at Reg. 1. Assmt of PACE, Serial</u>
	Sheets of Drawings		<u>See Serial, or Serial, Serial</u>
5.	Executed Declaration/Power of Attorney		<u>Serial, Reg. 1. Assmt of PACE, Serial</u>
6.	Unexecuted Declaration/Power of Attorney		<u>Serial, Reg. 1. Assmt of PACE, Serial</u>
7.	Verified Statement Claiming Small Entity Status		<u>Serial, Reg. 1. Assmt of PACE, Serial</u>
8.	Executed Power of Attorney		<u>Serial, Reg. 1. Assmt of PACE, Serial</u>
9.	Priority Document(s) & cover sheet		<u>Serial, Reg. 1. Assmt of PACE, Serial</u>
10.	Assignment(s) & cover sheet		<u>Serial, Reg. 1. Assmt of PACE, Serial</u>
	Request to Approve Drawing Change(s), with ___ Sheets of Red-Line Drawings		<u>Serial, Reg. 1. Assmt of PACE, Serial</u>
11.	Sheets Formal Drawings w/cover sheet		<u>Serial, Reg. 1. Assmt of PACE, Serial</u>

Check ___ for \$ ___ For Item(s) 26

\$1,338.00